Capped Major

What does Capped Major mean?  
**Capped major** means there is a cap/limit on the number of students admitted to the major. Incoming freshmen and transfers who were not admitted directly into a capped major will need to apply to change into that major. Please see our webpage for more details at [http://cse.ucsd.edu/undergraduate/admissions/capped-major-status](http://cse.ucsd.edu/undergraduate/admissions/capped-major-status).

If I’m not admitted to UC San Diego as a CSE major, what should I do prior to applying to change major?  
Make your primary focus your academic and career goals. Talk to Career Services, advisers, mentors, and the departments below. You will find there are at least two majors that will allow you to achieve your goals! If you identify those options prior to your application to UC San Diego, you will be ahead of the game and perhaps graduate sooner.

Computational Majors

If I am interested in the computational sciences, what are my options at UC San Diego?  
There are several excellent choices available, offered by top-ranked departments. All of the majors below (or specializations within them) prepare students for graduate work or a lucrative career in computational science. (This flyer describes the CSE department’s major only.)

How do I decide the best option for me?  
Make your primary focus your academic and career goals. Talk to Career Services, advisers, mentors, and the departments below. You will find there are at least two majors that will allow you to achieve your goals! If you identify those options prior to your application to UC San Diego, you will be ahead of the game and perhaps graduate sooner.

Computational Science Options

General Information: computingpaths.ucsd.edu/
Bioinformatics Specializations: be.ucsd.edu, biology.ucsd.edu, cse.ucsd.edu
Cognitive Science: cogsci.ucsd.edu
Computer Science & Engineering: cse.ucsd.edu
Economics: economics.ucsd.edu
Electrical & Computer Engineering: ece.ucsd.edu
Interdisciplinary Computing and the Arts: (ICAM): visarts.ucsd.edu and music.ucsd.edu
Mathematics: math.ucsd.edu

CSE Student Affairs Office

Computer Science and Engineering Building
Room 1231
Student Affairs Office: (858) 534-8872
csestudent@eng.ucsd.edu
cse.ucsd.edu
Several departments offer a Bioinformatics Specialization. What are the differences? This interdisciplinary major is offered by CSE, Biological Sciences and Bioengineering. All of the Bioinformatics programs require the same lower-division and core courses, but the upper-division electives will vary by department.

What opportunities are available for me to explore graduate school or a career in education? Talk to faculty about the possibility of signing up for research or project units. Sometimes students may earn credit toward the degree for these units. Students interested in the Five-Year B.S./M.S. Degree Program should also consult a CSE Advisor by junior year.

What co-curricular opportunities are available for CSE majors? There are a number of opportunities available to CSE majors! Consider applying to be a Tutor, studying abroad, joining a student organization, participating in a research project, and holding an internship. More information can be found at [http://cse.ucsd.edu/StudentOpportunities](http://cse.ucsd.edu/StudentOpportunities).

What careers are available to CSE graduates? The field of computer science and engineering is experiencing rapid growth, and most of our graduates find full-time positions upon graduation.

- Many students continue on to graduate school.
- Other students choose professional careers that involve: the design of computer hardware and software systems in diverse areas such as computer graphics, computer-aided design, multimedia systems, databases, parallel computation, and bioinformatics.
- Companies that hire CSE graduates usually also hire graduates from UCSD’s other computational majors (see reverse): Google, Apple, Amazon, Microsoft, etc.

How often are core CSE and criteria (for Capped Major) courses offered? CSE does its best to provide as many seats as possible in all CSE courses. All required criteria courses for applying to the major and core courses for the CSE major are offered three to four quarters (counting summer) each year. There is flexibility in enrollment planning for progress to the degree. We encourage students to plan strategically prior to their enrollment period. Meet with your CSE Advisor to review and discuss a Long Term Course Plan. (Students who hope to change into the CSE major should meet with a College or Major adviser).

May I attend UC San Diego courses before I submit my Statement of Intent to Register (SIR)? Schedule a Triton Tour with the Office of Admissions and Relations with Schools. A list of available courses can be found at [http://admissions.ucsd.edu/tours/](http://admissions.ucsd.edu/tours/).

What should I do if I have more questions about the degree programs? We encourage all admitted CSE majors to review our Undergraduate Program FAQ webpage: [cse.ucsd.edu/undergraduate/prospective-students](http://cse.ucsd.edu/undergraduate/prospective-students). Here, you will find information about graduation and degree requirements, courses, internships, research, and more.

What are the next steps after I submit my SIR?
- Carefully review the application timeline posted on the UC San Diego Admissions webpage: [https://admissions.ucsd.edu](https://admissions.ucsd.edu). Deadline to submit transcripts and AP scores will be posted here!
- CSE Advisors will meet with CSE majors starting Week 1 of Fall Quarter.